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(K.6-8) DATASHEET

K.6-8 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Chemical industries.
- Fertilizers industries.
- Calcium carbonate grinding plants.

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 20:80 mm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent	Size	Percent	Whitness	98% powder
Calcium carbonate	Caco3	99.5%	30:60mm	70%	Yellowness	0.4
Calcium Oxide	Cao	55.74%	40:50mm	50%	Bulk density	1.5 g/cm3
Iron Oxide	Fe2o3 tot	0.013	Over 80mm	0%	Hardness	3
Silicon Dioxide	Sio2	0.18	Under 5mm	2%	Mositure	0.4%
Aluminum Oxide	Al2o3	0.017				
Magnesium Oxide	Mgo	0.016				
Loss of ignition	L.O.I	43.7				



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(K.1) DATASHEET

K.1 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Quick lime industry
- Feed mills

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 5-15 cm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.013
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.017
Magnesium Oxide	Mgo	0.016
Loss of ignition	L.O.I	43.7

Size	Percent
30:60mm	70%
40:50mm	50%
Over 80mm	0%
Under 5mm	2%

Whitness	98% powder
Yellowness	0.4
Bulk density	1.5 g/cm3
Hardness	3
Mositure	0.4%





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(K.6) DATASHEET

K.6 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Building materials
- Feed mills

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 2-4 cm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.013
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.017
Magnesium Oxide	Mgo	0.016
Loss of ignition	L.O.I	43.7

Size	Percent
30:60mm	70%
40:50mm	50%
Over 80mm	0%
Under 5mm	2%

Whitness	98% powder
Yellowness	0.4
Bulk density	1.5 g/cm3
Hardness	3
Mositure	0.4%



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(K.5) DATASHEET

K.5 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Building materials
- Feed mills

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 0.5-1.5 cm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.013
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.017
Magnesium Oxide	Mgo	0.016
Loss of ignition	L.O.I	43.7

Size	Percent
30:60mm	70%
40:50mm	50%
Over 80mm	0%
Under 5mm	2%

Whitness	98% powder
Yellowness	0.4
Bulk density	1.5 g/cm3
Hardness	3
Mositure	0.4%





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(K.2) DATASHEET

K.2 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Building materials
- Animal feed
- Poultry feed

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 2-3 mm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent	Size	Percent	Whitness	98% powder
Calcium carbonate	Caco3	99.5%	30:60mm	70%	Yellowness	0.4
Calcium Oxide	Cao	55.74%	40:50mm	50%	Bulk density	1.5 g/cm3
Iron Oxide	Fe2o3 tot	0.013	Over 80mm	0%	Hardness	3
Silicon Dioxide	Sio2	0.18	Under 5mm	2%	Mositure	0.4%
Aluminum Oxide	Al2o3	0.017				
Magnesium Oxide	Mgo	0.016				
Loss of ignition	L.O.I	43.7				



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(K.4) DATASHEET

K.4 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Building materials
- Fish feeding
- Glass industry

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 1-2 mm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent	Size	Percent	Whitness	98% powder
Calcium carbonate	Caco3	99.5%	30:60mm	70%	Yellowness	0.4
Calcium Oxide	Cao	55.74%	40:50mm	50%	Bulk density	1.5 g/cm3
Iron Oxide	Fe2o3 tot	0.013	Over 80mm	0%	Hardness	3
Silicon Dioxide	Sio2	0.18	Under 5mm	2%	Mositure	0.4%
Aluminum Oxide	Al2o3	0.017				
Magnesium Oxide	Mgo	0.016				
Loss of ignition	L.O.I	43.7				



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(K.3) DATASHEET

K.3 is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Building materials
- Poultry feed
- Water purification

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 3-5 mm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.013
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.017
Magnesium Oxide	Mgo	0.016
Loss of ignition	L.O.I	43.7

Size	Percent
30:60mm	70%
40:50mm	50%
Over 80mm	0%
Under 5mm	2%

Whitness	98% powder
Yellowness	0.4
Bulk density	1.5 g/cm3
Hardness	3
Mositure	0.4%



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(K.O) DATASHEET

K.O is a snow white , soft , fossiliferous limestone lumps produced directly from our quarries in EL-Minya, Egypt



APPLICATIONS

- Animal feeding
- Ceramic industry
- Glass industry

CHEMICAL ANALYSIS

SIZE ANALYSIS

Lump size 0-1 mm

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.013
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.017
Magnesium Oxide	Mgo	0.016
Loss of ignition	L.O.I	43.7

Size	Percent
30:60mm	70%
40:50mm	50%
Over 80mm	0%
Under 5mm	2%

Whitness	98% powder
Yellowness	0.4
Bulk density	1.5 g/cm3
Hardness	3
Mositure	0.4%



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(K.20) DATASHEET

K.20 is a high brightness calcium carbonate powder (G.C.C) manufacturing from a snow white, soft , fossiliferous limestone of Samalut formation produced directly from our quarries in El-Menya, Egypt.



APPLICATIONS

- Putties.
- Decorative paints.
- Sealants.
- Protective coatings and many other uses

CHEMICAL ANALYSIS

SIZE ANALYSIS

PHYSICAL CHARACTERISTICS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.013
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.017
Magnesium Oxide	Mgo	0.016
Loss of ignition	L.O.I	43.7
Sodium Dioxide	Na2o	0.01
Sulfur Trioxide	SO3	0.004
Phosforus Pentoxide	P2O5	0.011

Size
D97 : -50μ ±2
D5 : -4.5μ ±1
25% : -2μ

Whitiness	98% powder
Yellowness	0.4
Bulk density	1.5 g/cm3
Hardness	3
Mositure	0.4%



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(K.25) DATASHEET

K.25 is a high brightness calcium carbonate powder (G.C.C) manufacturing from a snow white, soft , fossiliferous limestone of Samalut formation produced directly from our quarries in El-Menya, Egypt.



APPLICATIONS

- Putties.
- Decorative paints.
- Sealants.
- Protective coatings, PVC and many other uses

CHEMICAL ANALYSIS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.023
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.047
Magnesium Oxide	Mgo	0.026
Loss of ignition	L.O.I	43.7
Sodium Dioxide	Na2o	0.01
Sulfur Trioxide	SO3	0.004
Phosforus Pentoxide	P2O5	0.011

SIZE ANALYSIS

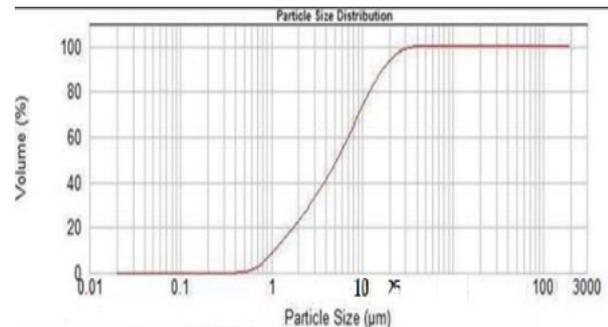
Size
D97 : -20 μ \pm 1
D5 : -3.8 μ \pm 0.5 μ
29% 2 μ

PHYSICAL CHARACTERISTICS

Whitness	98% powder
Yellowness	2 MAX
Bulk density	0.79
Hardness	3
Mositure	0.2% MAX
Oil Absorption	18gm/100gm
PH value	9 MAX

PARTICAL SIZE DISTRIBUTION

D97 : 20 μ \pm 1 μ
D50 : 3.8 μ \pm 0.5 μ
2 μ 29%



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(K.40) DATASHEET

K.40 is a high brightness calcium carbonate powder (G.C.C) manufacturing from a snow white, soft , fossiliferous limestone of Samalut formation produced directly from our quarries in El-Menya, Egypt.



APPLICATIONS

- Putties.
- Decorative paints.
- Sealants.
- Protective coatings, PVC and many other uses

CHEMICAL ANALYSIS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.023
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.047
Magnesium Oxide	Mgo	0.026
Loss of ignition	L.O.I	43.7
Sodium Dioxide	Na2o	0.01
Sulfur Trioxide	SO3	0.004
Phosforus Pentoxide	P2O5	0.011

SIZE ANALYSIS

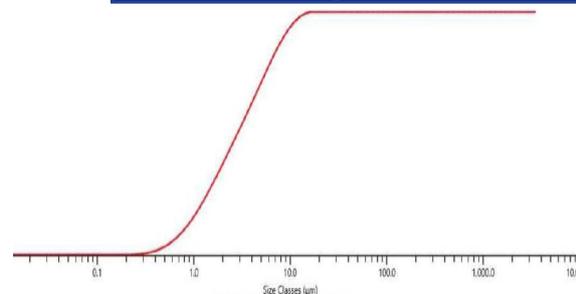
Size
D97 : -15μ ±1
D5 : -3μ ±1
40% 2μ

PARTICAL SIZE DISTRIBUTION

D97 : 15μ ±1μ
D50 : 3μ ± 0.1μ
2μ 40%

PHYSICAL CHARACTERISTICS

Whitness	98% powder
Yellowness	2 MAX
Bulk density	0.6 ± 0.05gm/cm3
Hardness	3
Mositure	0.2% MAX
Oil Absorption	19±0.5gm/100gm
PH value	9 MAX



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(K.40T) DATASHEET

K.40T is a high brightness calcium carbonate powder (G.C.C) treated by stearic acid manufacturing from a snow white, soft, fossiliferous limestone of Samalut formation produced directly from our quarries in El-Menya, Egypt.



APPLICATIONS

- PVC Applications.
- Non-Woven.
- Filler / Antifeb MB.
- many other uses

CHEMICAL ANALYSIS

Compound	Formula	Concent
Calcium carbonate	Caco3	99.5%
Calcium Oxide	Cao	55.74%
Iron Oxide	Fe2o3 tot	0.023
Silicon Dioxide	Sio2	0.18
Aluminum Oxide	Al2o3	0.047
Magnesium Oxide	Mgo	0.026
Loss of ignition	L.O.I	43.7
Sodium Dioxide	Na2o	0.01
Sulfur Trioxide	SO3	0.004
Phosforus Pentoxide	P2O5	0.011

SIZE ANALYSIS

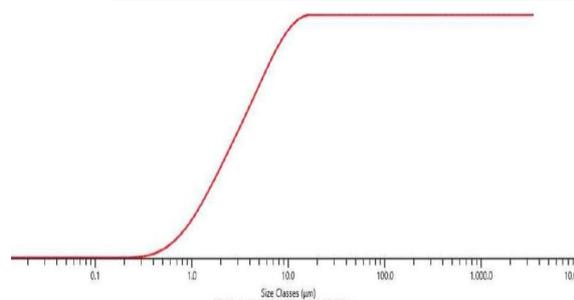
Size
D97 : -12 μ \pm 1
D5 : -3 μ \pm 1
40% : 2 μ

PARTICAL SIZE DISTRIBUTION

D97 : 12 μ \pm 1 μ
 D50 : 3 μ \pm 0.1 μ
 40% 2 μ
 Stearic acid:
 10-11kg/ton

PHYSICAL CHARACTERISTICS

Whitness	98% powder
Yellowness	2 MAX
Bulk density	0.6 \pm 0.05gm/cm ³
Hardness	3
Mositure	0.2% MAX
Oil Absorption	15 \pm 0.5gm/100gm
PH value	9 MAX



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